

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

cancel claims 3, 4, 6, 7, 11, 14, 15, 17, 19, 23, 29, 30, 32, 33 and 37; and  
amend claim 18.

**Listing of Claims:**

1. (ORIGINAL) A disease management system comprising:  
data collection means;  
data interpretation means; and  
therapeutic dispensing means, wherein said data collection means is used to obtain disease state information from a patient having a disease wherein said patient is located remotely relative to said data interpretation means and said therapeutic dispensing means and wherein said data interpretation means is located on a computer-readable medium and provides diagnostic, prognostic and therapeutic information useful for the management of said disease of said patient.
2. (ORIGINAL) The disease management system of claim 1 wherein said data collection means comprises a non-physician healthcare worker or a laboratory.
3. (CANCELED)
4. (CANCELED)
5. (ORIGINAL) The disease management system of claim 1 wherein said data interpretation means comprises an algorithm or a physician specialist.
6. (CANCELED)
7. (CANCELED)
8. (ORIGINAL) The disease management system of claim 1 wherein said therapeutic dispensing means comprises a pharmacy.
9. (ORIGINAL) The disease management system of claim 1 wherein said computer-readable medium is a selected from the group consisting of hard drives, floppy disks, CD-ROMs, zip drives and flash drives.

10. (ORIGINAL) The disease management system of claim 1 wherein said disease is human immunodeficiency (HIV) disease or acquired immune deficiency syndrome (AIDS).

11. (CANCELED)

12. (ORIGINAL) A disease management system comprising:  
data collection means;  
data interpretation means; and  
therapeutic dispensing means, wherein said data interpretation means comprises the algorithm of Figure 4.

13. (ORIGINAL) The disease management system of claim 12 wherein said data collection means comprises a non-physician healthcare worker or a laboratory.

14. (CANCELED)

15. (CANCELED)

16. (ORIGINAL) The disease management system of claim 12 wherein said data interpretation means comprises an algorithm or a physician specialist.

17. (CANCELED)

18. (CURRENTLY AMENDED) The disease management system according to ~~any one of claims 12, 16 or 17~~ claim 16 wherein said algorithm is stored on a computer-readable medium.

19. (CANCELED)

20. (ORIGINAL) The disease management system of claim 12 wherein said therapeutic dispensing means comprises a pharmacy.

21. (ORIGINAL) The disease management system of claim 12 wherein said computer-readable medium is a selected from the group consisting of hard drives, floppy disks, CD-ROMs, zip drives and flash drives.

22. (ORIGINAL) The disease management system of claim 12 wherein said disease is HIV disease or AIDS.

23. (CANCELED)

24. (ORIGINAL) An HIV-related disease management system comprising:

a data collection means for collecting data;

a data interpretation means for interpreting said data; and

a therapeutic dispensing means for providing therapy useful for treating said HIV-related disease, wherein said data collection means is used to obtain disease state information from a patient having a HIV-related disease wherein said patient is located remotely relative to said data interpretation means and said therapeutic dispensing means and wherein said data interpretation means is located on a computer-readable medium and provides diagnostic, prognostic and therapeutic information useful for the management of said disease of said patient.

25. (ORIGINAL) The disease management system of claim 24 wherein said data comprises a patient history and CD4 levels.

26. (ORIGINAL) The disease management system of claim 24 wherein the therapy comprises High Activity Anti-Retroviral Therapy (HAART).

27. (ORIGINAL) A method for managing disease in a patient located remotely relative to data interpretation means and therapeutic dispensing means comprising:

collecting a first set of data from said remotely located patient;

interpreting said first set of data in order to determine an appropriate first therapeutic regimen for said remotely located patient;

dispensing said first therapeutic regimen to said remotely located patient;

collecting at least one second set of data from

interpreting said at least one second set of data in order to determine the appropriateness of continuing or stopping said first therapeutic regimen or altering said first therapeutic regimen for said remotely located patient; and

wherein said first and at least one second interpreting step comprises an algorithm located on a computer-readable medium that provides diagnostic, prognostic and therapeutic information useful for the management of said disease of said patient.

28. (ORIGINAL) The method for managing disease in a patient of claim 27 wherein said data is collected by a non-physician healthcare worker or a laboratory.

29. (CANCELED)

30. (CANCELED)

31. (ORIGINAL) The method for managing disease in a patient of claim 27 wherein said data interpretation means comprises an algorithm or a physician specialist.

32. (CANCELED)

33. (CANCELED)

34. (ORIGINAL) The method for managing disease in a patient of claim 27 wherein said therapeutic dispensing means comprises a pharmacy.

35. (ORIGINAL) The method for managing disease in a patient of claim 27 wherein said computer-readable medium is a selected from the group consisting of hard drives, floppy disks, CD-ROMs, zip drives and flash drives.

36. (ORIGINAL) The method for managing disease in a patient of claim 27 wherein said disease is HIV disease or AIDS.

37. (CANCELED)

38. (ORIGINAL) The method for managing disease in a patient according to claim 27 wherein said algorithm is the algorithm of Figure 4.

39. (ORIGINAL) A method for disease management comprising:  
collecting data;  
interpreting data; and  
dispensing a therapeutic useful for treating said disease, wherein said interpretation of data is performed according to the algorithm of Figure 4.